

## Asst. Prof. MUSTAFA NURMUHAMMED

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2018 - 2024

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2011 - 2015

Undergraduate, University of Michigan - Dearborn, College of Engineering & Computer Science, Computer Engineering, United States Of America 2002 - 2004

### Research Areas

Pattern Recognition and Image Processing, Neural Networks, Electronic Circuits, Passive Circuit Components, Cables, Switches and Connectors, Direct Energy Conversion and Energy Storage

### Academic Titles / Tasks

Lecturer, Inonu University, Osb Meslek Yüksekokulu, Elektrik ve Enerji Bölümü, 2020 - Continues

### Courses

Teknoloji Kullanımı, Associate Degree, 2019-2020

Bilgi ve İletişim Teknolojisi, Associate Degree, 2019-2020

Görsel Programlama, Associate Degree, 2019-2020

### Articles Published in Other Journals

- A New Newton Raphson Based Model For Analysis Of Optimum Integration Of Electric Vehicles Into The Distribution Network In V2G Applications**  
Kuzu B., Nurmuhammed M., Akdağ O., Karadağ T.  
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.15, no.2, pp.375-385, 2024 (Peer-Reviewed Journal)
- Cost/Performance Analysis of Battery Pack placed in Spare Tire Area for Extending the Range of Hybrid, and Electric Vehicles**

Nurmuhammed M., Karadağ T.

International Journal of Automotive Science and Technology, vol.8, no.2, pp.252-259, 2024 (Peer-Reviewed Journal)

**III. A Novel Newton Raphson-Based Method for Integrating Electric Vehicle Charging Stations to Distribution Network**

NURMUHAMMED M., AKDAĞ O., KARADAĞ T.

Electrica, vol.23, no.2, pp.310-317, 2023 (Peer-Reviewed Journal)

**IV. Efficiency Analysis of Various Batteries with Real-time Data on a Hybrid Electric Vehicle**

EKİCİ Y. E., DİKMEN İ. C., NURMUHAMMED M., KARADAĞ T.

International Journal of Automotive Science and Technology, vol.5, no.3, pp.214-223, 2021 (Peer-Reviewed Journal)

**V. A Review on Electric Vehicle Charging Systems and Current Status in Turkey**

EKİCİ Y. E., DİKMEN İ. C., NURMUHAMMED M., KARADAĞ T.

International Journal of Automotive Science and Technology, vol.5, no.4, pp.316-330, 2021 (Peer-Reviewed Journal)

## Supported Projects

ALTUĞ M., DİKMEN İ. C., NURMUHAMMED M., KARADAĞ T., EKİCİ Y. E., Project Supported by Higher Education Institutions, Elektrikli Araç Teknolojileri ve Kaynak Teknolojilerinin Sanal ve Gerçek Parametrelerinin Simülasyon Yardımıyla Karşılaştırılması Analizi ve Verimliliklerinin Optimizasyonu, 2021 - 2022

ALTUĞ M., KARADAĞ T., EKİCİ Y. E., DİKMEN İ. C., NURMUHAMMED M., ABBASOV T., Project Supported by Higher Education Institutions, Elektrikli Araçların Mekanik Batarya ve Elektronik Sistemlerinin Performans Kriterlerinin Geliştirilmesine Yönelik Analizi Modellemesi ve Optimizasyonu, 2021 - 2022

Ekici Y. E., Koyunoğlu C., Dikmen İ. C., Altuğ M., Nurmuhammed M., Gündüz M. E., Development Agency, Elektrikli Araçlar ve Kaynak Teknolojileri Sanal Simülasyon Laboratuvarı, 2021 - 2021

## Metrics

Publication: 5

## Non Academic Experience

İnönü Üniversitesi

AES-İC İçtaş Enerji